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SECURITY INFORMATION  
CENTRAL INTELLIGENCE AGENCY

25X1A  
REPORT NO.

CD NO.

## INFORMATION REPORT

COUNTRY East Germany  
SUBJECT Jet Fuel Production at Werk Schwarzheide  
(SAG Brikett)

DATE DISTR 21 August 1955

NO. OF PAGES 2

PLACE  
ACQUIRED

NO. OF ENCLS  
(LISTED BELOW)

DATE OF  
INFO.

SUPPLEMENT TO  
REPORT NO.

25X1A

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1. The Russian administrative staff of SAG Brikett, Werk Schwarzheide, includes the following members:

- a. Elyash (fnu) - a chemical engineer, formerly a naval officer, Director;
- b. Dyvrianov (fnu) - Chief Engineer;
- c. Pirogov (fnu) - Power Director;
- d. Terassov (fnu) - Chief Bookkeeper.

Chief Engineer and Deputy Director of SAG Brikett Headquarters in Leipzig, Pavel Dimitrovich Smirnov, visits the Schwarzheide plant regularly about once a month. Ustinov (fnu), also from Leipzig Headquarters, comes there less frequently.

2. The German administrative staff includes the following members:

- a. Dipl. Ing. Bruno Weiss (SED) - German Director;
- b. Dr. Otto Klein, Chief Engineer - Deputy Director;
- c. Dr. Paul Nagel - Production Chief;
- d. Wasmern (fnu) (SED) - Commercial Director;
- e. Heberlein (fnu) - Labor Director;
- f. Dipl. Ing. Karl Hilse - Chief Mechanic.

3. The Schwarzheide enterprise, which has a total crew of about 4,000, produces gasoline, diesel oil, paraffin and tar products. As far as source is informed, diesel oil, paraffin and tar products are sold to the East German economy. The diesel oil is fuel of very good quality; two types, Cogasin 1 and Cogasin 2, are produced. Some of the light gasolines produced by the plant are also sold to the East German economy.

4. The plant produces jet aircraft fuel for the Russians. The German cover designation for this fuel is "Lösungsmittel MB" (MB solvent, MB standing for Mittel-Benzin). This fuel is a mixture of two parts heavy gasoline produced in the SAG Brikett Zeitz plant, with one part medium gasoline produced in Schwarzheide. Since the Schwarzheide capacity is limited, efforts have been made to obtain a mixture with about the same qualities by mixing three parts Zeitz gasoline with one

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part Schwarzheide gasoline, but these efforts have not met with success as yet. The MB installation at Schwarzheide was built in 1951. The Schwarzheide base product of the jet fuel is AK gasoline (Aktivkohle Benzin) produced by the Schwarzheide plant. Certain fractions within medium boiling limits are separated from the AK gasoline by distillation; this constitutes the Schwarzheide MB gasoline. The MB gasoline is then hydrogenated in three contact ovens (the third oven, recently built, is now in operation). The result of the hydrogenation process is the Schwarzheide component of the jet fuel. The Zeitz base component is heavy gasoline, which is shipped in regular intervals from Zeitz to Schwarzheide. There, the Zeitz gasoline is refined with sodium hydroxide (NaOH) and sulphuric acid. The Zeitz refined heavy gasoline and the Schwarzheide hydrogenated medium gasoline are then mixed in a two to one proportion. Finally, the mixture is subjected to a distillation process which separates the lighter parts of the mixture from the heavier parts. The lighter fraction is Loesungsmittel MB, a jet fuel for the Russian Air Force. The average monthly production of Loesungsmittel MB at the Schwarzheide plant, including the Zeitz component, is between 8,000 and 9,000 tons. This is very slightly (about one percent) above the plan figure. The Schwarzheide storage facilities permit storing of three days production of Loesungsmittel MB before it is shipped by rail to Russia via Frankfurt-Oder.

5. In early 1953, Director Bruno Weiss was called to a session of the Central Committee of the SED and was instructed to attempt to obtain permission from the Russians to allow East Germany that part of Loesungsmittel MB which Schwarzheide could produce above and beyond the Russian plan. The Russians rejected this demand, pointing out that present production of the jet fuel was much below their own demand.

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